

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark A. B. Halstead

Examiner:

Serial No.: 09/090,119

Group Art Unit: 2755

Filed: June 4, 1998

Docket: 777.090US1

Title: PERSISTENT REPRESENTATIONS FOR COMPLEX DATA STRUCTURES AS  
INTERPRETED PROGRAMS

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## INFORMATION DISCLOSURE STATEMENT

APR 04 2000

Group 2700

Assistant Commissioner for Patents  
Washington, D.C. 20231

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant further request that a copy of the 1449 form, initialed by the Examiner to indicate that all listed citations have been considered, be returned with the next official communication.

Under 37 C.F.R. § 1.97(b)(3), it is believed that no fee or certificate is required with this Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Account No. 19-0743.

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

MARK A. B. HALSTEAD

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6971

Date

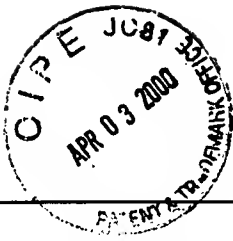
29 MAR 2000

By

J. Michael Anglin  
Reg. No. 24,916

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner of Patents, Washington, D.C. 20231 on March 29, 2000.

Gina Borre  
NameGina Borre  
Signature



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Sheet 1 of 2

Form 1449\*

Atty. Docket No.: 777.090US1

Serial No. 09/090,119

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant: Mark A. B. Halstead

Filing Date: June 4, 1998

Group: 2755

## U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
						Yes	No
	5,291,583	03/01/1994	Bapat, S.	395	500		12/14/90
	5,295,256	03/15/1994	Bapat, S.	395	500		12/14/90
	5,596,695	01/21/1997	Hamada, H., et al.	395	333		07/13/92
	5,692,183	11/25/1997	Hapner, M.W., et al.	395	614		03/31/95
	5,729,253	03/17/1998	Mashita, Y., et al.	345	352		09/25/95

## FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	735465A1	02/23/1996	European	G06F	9/44		
	766185A2	08/08/1996	European	G06F	17/30		

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
	Boll, S., et al., "A Java Application programming Interface to a Multimedia Enhanced Object-Oriented DBMS", <u>German National Center (online). First International Workshop on Persistence and Java (PJI)</u> , <a href="http://www.darmstadt.gmd.de">http://www.darmstadt.gmd.de</a> , pgs 1-11, (September 1996)
	Cramer, T., et al., "Compiling Java Just in Time", <u>IEEE Micro</u> , 17(3), pp. 36-43, (May 1997)
	Massari, A., et al., "Virgilio: a non-immersive VR system to browse multimedia databases", <u>IEEE Intern. Conf. on Multimedia computing and systems proceedings</u> , 573-580, (1997)
	Morrison, R., et al., "Can Java Persist?", <u>German National Center [online]. First International Workshop on Persistence and Java (PJI)</u> , Accessed on 10/6/99. Retrieved from the Internet: <a href="http://www.dcs.gl.ac.uk">http://www.dcs.gl.ac.uk</a> , pgs 1-15, (September 1996)
	Moss, J.E., et al., "Approaches to Adding Persistence to Java", <u>German National Center [online]. First International Workshop on Persistence and Java (PJI)</u> , Retrieved from <a href="http://www.dcs.gl.ac.uk">http://www.dcs.gl.ac.uk</a> , pp. 1-5, (September 1996)
	O'Brien, P., "Java Data Management Using ObjectStore and PSE", <u>Sun Microsystems [online]</u> , Accessed on 10/7/99, retrieved from <a href="http://www.java.sun.com">http://www.java.sun.com</a> , pp. 1-14, (November 1996)

Examiner

Date Considered

\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Sheet 2 of 2

Form 1449\*

Atty. Docket No.: 777.090US1

Serial No. 09/090,119

INFORMATION DISCLOSURE STATEMENT  
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(Use several sheets if necessary)

Applicant: Mark A. B. Halstead

Filing Date: June 4, 1998

Group: 2755

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

\*\*Examiner  
Initial

Saljoughy, A., "Object Persistence and Java", <http://www.javaworld.com>, pp.  
1-9, (May 1997)

Examiner

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Docket No.: 777.090US1  
Filed: June 4, 1998  
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Due Date: April 4, 2000  
Group Art Unit: 2755

Assistant Commissioner for Patents  
Washington, D.C. 20231

We are transmitting herewith the following attached items (as indicated with an "X"):

- X A return postcard.
- X An Information Disclosure Statement (1 pgs.), Form 1449 (2 pgs.), and copies of 14 cited references.

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this 29 day of March, 2000.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: J. Michael Anglin  
Atty: J. Michael Anglin  
Reg. No. 24,916

Customer Number **21186**

(GENERAL)